

| Application/Control No. | Applicant(s)/Patent under Reexamination |   |  |  |  |  |  |  |
|-------------------------|---|---|--|--|--|--|--|--|
| 09/925,166              | HAMMES ET AL.                           |   |  |  |  |  |  |  |
| Examiner                | Art Unit                                | _ |  |  |  |  |  |  |
| Temesghen Ghebretinsae  | 2637                                    |   |  |  |  |  |  |  |

| ISSUE CLASSIFICATION                |                                   |                |     |        |          |          |         |     |        |                                   |              |          |                    |             |          |            |         |                          |            |          |          |            |  |
|-------------------------------------|-----------------------------------|----------------|-----|--------|----------|----------|---------|-----|--------|-----------------------------------|--------------|----------|--------------------|-------------|----------|------------|---------|--------------------------|------------|----------|----------|------------|--|
| <u></u>                             |                                   |                |     |        |          |          |         |     |        | <u>iSU</u>                        | EC           | LAS      | SIF                |             |          |            |         |                          |            |          |          |            |  |
|                                     |                                   |                |     |        |          |          |         |     |        |                                   |              |          | CROSS REFERENCE(S) |             |          |            |         |                          |            |          |          |            |  |
| CLASS SUBCLASS CLASS                |                                   |                |     |        |          |          |         |     |        | SUBCLASS (ONE SUBCLASS PER BLOCK) |              |          |                    |             |          |            |         |                          |            |          |          |            |  |
| 375 334 375                         |                                   |                |     |        |          |          | 375     | 2   | 72     | 341                               |              |          |                    |             |          |            |         |                          |            |          |          |            |  |
| INTERNATIONAL CLASSIFICATION 329    |                                   |                |     |        |          |          |         | 329 | 3      | 00                                |              |          |                    | , $\top$    |          |            |         |                          |            |          |          |            |  |
| н                                   | H 0 3 D 3/10                      |                |     |        |          |          |         |     |        |                                   |              |          |                    |             |          |            |         |                          |            |          |          |            |  |
|                                     |                                   |                |     | /      |          |          |         |     |        |                                   |              |          |                    |             |          |            |         |                          |            | +        |          |            |  |
| ┢┈┤                                 |                                   |                |     |        |          |          |         |     | -      |                                   |              |          | <del></del>        |             |          | _          |         | +-                       |            | -        |          |            |  |
|                                     |                                   |                |     | /      |          |          |         |     |        |                                   |              | <u> </u> |                    | <del></del> | -        |            |         |                          |            |          | -        |            |  |
|                                     |                                   |                |     | /      |          |          |         |     |        |                                   |              |          |                    |             |          | _          |         | -                        |            | -        |          |            |  |
|                                     |                                   | /              |     |        |          |          |         |     |        | <u> </u>                          |              |          |                    |             |          |            |         |                          | <u> </u>   |          |          |            |  |
|                                     |                                   |                |     |        |          |          |         |     |        |                                   |              |          |                    |             |          |            |         |                          |            |          |          |            |  |
|                                     |                                   |                |     |        |          |          |         |     |        |                                   |              |          |                    | J           |          |            |         | Total Claims Allowed: 13 |            |          |          |            |  |
| (Assistant Examiner) (Date)         |                                   |                |     |        |          |          |         |     |        |                                   |              | .b.a 4   | 0 h = !-           | 1           | 0        | 04/05      | . L     |                          |            |          |          |            |  |
| Alanna Gallac                       |                                   |                |     |        |          |          |         |     |        | те                                | mesg         | inen (   | ∍neb               | retins      | ae 6/    | 21/05      | ·       |                          | O.G.       | (-)      |          | .G.        |  |
| M                                   | VX                                | LLL            | HL. | J      | Var      | Op       | 4       |     | ן נ    |                                   | (Pri         | mary Ex  | amher              | #           | (Date    | ) ,        |         | L(IU)                    | t Claim    | (s)      | Prin     | t Fig.     |  |
| (Legal Instruments Examiner) (Date) |                                   |                |     |        |          |          |         |     |        |                                   | (            |          |                    | $\parallel$ | 68       | 24 /ss     | 1       |                          | 1          |          |          | 7          |  |
|                                     |                                   |                |     |        |          |          |         |     |        |                                   | <del>-</del> |          | -11                | V           |          |            | 4       |                          |            |          |          |            |  |
|                                     | Claims renumbered in the same ord |                |     |        |          |          |         |     | e orde | er as <sub>l</sub>                | preser       | ted by   | icant              |             | PA       | ,          |         | .D.                      | ·          | ☐ R.1.47 |          |            |  |
| _ ا                                 | _                                 | ब              |     | _      | _        | 펼        |         |     | _      | ā                                 |              |          | <u> </u>           |             | _        | <u>a</u>   |         | -                        | <u>a</u>   |          | _        | <u> </u>   |  |
| i i                                 |                                   | Original       |     | Tin at | =        | Original |         |     | Final  | Original                          |              | Final    | Original           |             | Final    | Original   |         | Final                    | Original   |          | Final    | Original   |  |
| "                                   | -                                 | ō              |     | ч      | -        | ō        |         |     |        | ō                                 |              | L.       | Ŏ                  |             | Щ        | ŏ          |         | ш.                       | ŏ          |          | ш.       | ŏ          |  |
| _                                   | 1                                 | 1              |     |        | 1        | 31       | ]       |     |        | 61                                |              |          | 91                 |             |          | 121        |         |                          | 151        |          |          | 181        |  |
|                                     | 2                                 | 2              | _   |        | _        | 32       |         |     |        | 62                                |              |          | 92                 |             |          | 122        |         |                          | 152        |          |          | 182        |  |
|                                     | 3                                 | 3              | 4   |        | 4        | 33       |         |     |        | 63                                |              |          | 93                 | -           |          | 123        |         | <u> </u>                 | 153        | -        |          | 183        |  |
| 4                                   | 5                                 | 5              | -   |        | $\dashv$ | 34<br>35 | -       |     |        | 64<br>65                          |              |          | 94<br>95           | 1           |          | 124<br>125 |         | <b></b>                  | 154<br>155 | -        |          | 184        |  |
|                                     |                                   | <del>-</del> 6 | -   |        | $\dashv$ | 36       |         |     |        | 66                                |              |          | 96                 | 1           |          | 126        | ł       |                          | 156        | -        |          | 185<br>186 |  |
|                                     | 7                                 | 7              | 7   |        | 1        | 37       | 1       |     |        | 67                                |              |          | 97                 |             |          | 127        | 1       |                          | 157        | -        |          | 187        |  |
| 8                                   | 3                                 | 8              |     |        |          | 38       | 1       |     |        | 68                                |              |          | 98                 |             |          | 128        |         |                          | 158        | -        |          | 188        |  |
| _                                   | €                                 | 9              | _   |        | $\perp$  | 39       |         |     |        | 69                                |              |          | 99                 |             |          | 129        |         |                          | 159        |          |          | 189        |  |
| 1                                   | _                                 | 10             | 4   |        |          | 40       |         |     |        | 70                                |              |          | 100                |             |          | 130        |         | <u> </u>                 | 160        |          |          | 190        |  |
| 1                                   |                                   | 11<br>12       | -   |        | $\dashv$ | 41       |         |     |        | 71<br>72                          |              | <u> </u> | 101<br>102         | <b>-</b>    |          | 131        | <b></b> | <u></u>                  | 161        | 4        |          | 191        |  |
| _                                   | $\frac{2}{3}$                     | 13             | -   |        | $\dashv$ | 42       | 1       | ŀ   | -      | 73                                |              |          | 102                | 1           |          | 132<br>133 |         | <u></u>                  | 162<br>163 |          |          | 192<br>193 |  |
|                                     | +                                 | 14             | 1   |        | $\dashv$ | 44       |         |     |        | 74                                |              |          | 103                | 1           | ļ        | 134        | 1       |                          | 164        | 1        |          | 193        |  |
|                                     |                                   | 15             | ]   |        |          | _45      | ]       |     |        | 75                                |              |          | 105                | ]           |          | 135        |         |                          | 165        | ]        |          | 195        |  |
|                                     | _]                                | 16             | _   |        | $\prod$  | 46       |         |     |        | 76                                |              |          | 106                | ]           |          | 136        |         |                          | 166        | ]        |          | 196        |  |
| -                                   |                                   | 17             | -   |        | _        | 47       |         |     |        | 77                                | <b></b>      |          | 107                | 1           | <u> </u> | 137        |         |                          | 167        | 4        |          | 197        |  |
| -                                   | -                                 | 18<br>19       | -   |        | +        | 48       | <b></b> |     |        | 78                                |              |          | 108                | 1           |          | 138        |         | <u> </u>                 | 168        |          | <u> </u> | 198        |  |
| -                                   | $\dashv$                          | 20             | -   |        | +        | 49<br>50 |         | ŀ   |        | 79<br>80                          |              |          | 109<br>110         | 1           |          | 139<br>140 |         |                          | 169<br>170 | 1        | <u> </u> | 199<br>200 |  |
|                                     | $\dashv$                          | 21             | 1   |        | $\dashv$ | 51       |         | H   |        | 81                                |              |          | 111                | 1           |          | 141        |         |                          | 171        | 1        |          | 200        |  |
|                                     | 丁                                 | 22             |     |        |          | 52       |         | ı   |        | 82                                |              |          | 112                | 1           |          | 142        |         |                          | 172        |          |          | 202        |  |
|                                     |                                   | 23             | ]   |        | $\Box$   | 53       |         |     |        | 83                                |              |          | 113                | ]           |          | 143        |         |                          | 173        |          |          | 203        |  |
|                                     | $\perp$                           | 24             | 4   |        | $\bot$   | 54       |         |     |        | 84                                |              |          | 114                | <b>.</b>    |          | 144        |         |                          | 174        |          |          | 204        |  |
| <u> </u>                            | +                                 | 25             | 4   |        | _        | 55       |         | -   |        | 85                                |              |          | 115                | <b>.</b>    | L        | 145        |         |                          | 175        | 4        |          | 205        |  |
| -                                   | $\perp$                           | 26<br>27       | -   |        | +        | 56<br>57 |         | -   |        | 86<br>87                          |              |          | 116<br>117         |             |          | 146        |         | <b> </b>                 | 176        |          |          | 206        |  |
| -                                   | $\dashv$                          | 28             | -   |        | -        | 58       |         | -   |        | 88                                |              |          | 117                | ł           |          | 147<br>148 |         |                          | 177<br>178 | ł        |          | 207        |  |
| Ë                                   | $\dashv$                          | 29             | 1   | -      | $\dashv$ | 59       |         |     |        | 89                                |              |          | 119                | <b> </b>    | -        | 149        |         |                          | 179        |          |          | 208<br>209 |  |
|                                     | +                                 | 30             | 1   |        | $\dashv$ | 60       |         | ı   | -+     | 90                                |              |          | 120                | 1           | •        | 150        |         |                          | 180        | t        |          | 210        |  |
|                                     |                                   |                |     |        |          | )<br>}   |         |     |        |                                   |              |          |                    |             |          | لتنب       |         | <u> </u>                 |            |          |          | 210        |  |